

CLAIMS

1. (Amended) A prefabricated resin house, comprising:
a peripheral wall formed by assembling a plurality of
5 peripheral wall structural members comprising styrene foam;
and

a roof formed by assembling a plurality of roof
structural members comprising styrene foam, which is placed
on top of the peripheral wall, wherein:
10 interlocking portions are formed at side end surfaces
on both sides of each of the peripheral wall structural
members and the peripheral wall structural members are bonded
to each other by fitting interlocking portions facing
opposite each other; and

15 interlocking portions are formed at side end surfaces
on both sides of each of the roof structural members and the
roof structural members are bonded to each other by fitting
interlocking portions facing opposite each other; and

a frame achieving a strengthening member of a
20 prefabricated house is not provided.

2. (Amended) A prefabricated resin house according to
claim 1, wherein:
interlocking portions are formed at upper and lower end
25 surfaces of the peripheral wall structural members and upper

and lower end surfaces of the roof structural members, and the peripheral wall structural members are bonded with each other and the roof structural members are bonded with each other by fitting interlocking portions facing opposite each other.

3. A prefabricated resin house according to claim 1 or claim 2, wherein:

the roof includes an eave projecting over a perimeter of the peripheral wall, which is formed as an integrated part thereof, and the roof is bonded to the peripheral wall by fitting an interlocking portion formed inside the eave with an interlocking portion formed at an upper end of the peripheral wall.

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4. (Deleted)

5. (Deleted)

6. (Deleted)

20 7. (Amended) A prefabricated resin house according to any of claims 1 through 3, wherein:

the peripheral wall is formed so as to define a substantially rectangular parallelepiped space within the house.

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8. A prefabricated resin house according to claim 7,
wherein:

a ribbed structure is adopted in connecting portions
at which the peripheral wall structural members are
5 interlocked with each other and connecting portions at which
the roof structural members are interlocked with each other.

9. (Amended) A prefabricated resin house according to any
of claims 1 through 3 and claim 7, wherein:

10 a frame of the prefabricated house is formed by
assembling steel frame members, and the peripheral wall and
the roof are assembled via the frame by individually mounting
the peripheral wall structural members and the roof
structural members from outside the frame.

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10. (Deleted)

11. (Amended) A prefabricated resin house, comprising:

a plurality of strengthening members extending in an
20 arch from a zenith of a dome toward a foundation along
meridians, which are disposed over predetermined intervals
along a circumferential direction; and

an outer wall comprising styrene foam formed by
stacking a plurality of structural members separated from
25 each other along meridians from the foundation toward the

zenith of the dome between a pair of strengthening members,
wherein:

interlocking portions are formed at side end surfaces
on both sides and upper and lower end surfaces of each of the
5 structural members and the outer wall is formed by engaging
interlocking portions facing opposite each other and then
bonding the structural members to each other.

12. (Deleted)

10 13. (Deleted)

14. (Amended) A prefabricated resin house according to any
of claims 1 through 3, 7 through 9 and 11, wherein:

a recessed interlocking portion is formed at a bottom
15 surface of each of the peripheral wall structural members,
which is set in contact with a foundation, and the peripheral
wall structural member is fixed by engaging the recessed
interlocking portion onto a positioning member disposed at
the foundation.

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15. (Added) A prefabricated resin house according to claim
14, wherein:

the recessed interlocking portion extends along a
lengthwise direction at the bottom surface of the peripheral
25 wall structural member.